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1. Department of Biochemistry, Medical School, Gdansk.
(ESTRADIOL) (NICOTINAMIDE) (CITRATES)

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Z I Kliniki Chirurgicznej A.M. w Krakowie. Kierownik: prof. dr. J. Bogusz. Krakow, ul. Kopernika 40.
 (INTESTINE, LARGE, neoplasms, hosp. statist. (Pol))

POLAND

DETADRA-GOLDSZTAJY, Zofia, SZARKOWA, Danuta, and IRLAP.
Zbientew, Third Surgical Clinic (III Klinika Chimeroloma)
(Hirector: Prof. Dr. J. JASIENSKI) and the Government of
Pathological instancy (Zaklad Anatomii Pathologicano)) (Director: Prof. Dr. J. KOWALCZYKOWA), both at the Ad jakademia Dodyczna, Kedical Acadomy) in Krakow

"The serinous strined-cell Sarcona of the Mander in a 2-1/2 tear 014 soy."

harvas-healow, Przegelad Lekarski. Vol 19, Sar II. ac 1, cl. pp 13-21.

Abstract: Authors describe a case of acrooms striped-colisarone of the bladder which showed promising results on treatment (surgical removal of formation, application of antibiotics, and introduction of tube), which could unfortunately not be pursued since parents took the child home, of the 24 references, one (1) is in lerman, about five (5) in Polish, and the rest in English.

BORUSIEWICZ, Leslaw, mgr. inz.; RYNIO, Boguslaw, inz.; DZIADUS, Jozef

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Ap '62.

DZIADZIO, A. M.

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TJ101.D9

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DZIALEK, E.; WARCHALOWSKI, J.

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(AMYOTROPHIC LATERAL SCLEROSIS, therapy,
Congo red (Pol))
(ANILINE DYES, therapeutic use,
Congo red in amyotrophic lateral sclerosis (Pol))

DZIALEK, Ewa; SZULC, Janina

A case of thalamic syndrome treated successfully with largactil. Polski tygod. lek. 14 no.40:1790-1792 5 Oct 59.

SZAPIRO, Marek; DZIALEK, Ewa

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(REFLEX)

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1. Z Kliniki Chorob Merwowych AM w Lodzi Kierownik: prof. dr nauk med. E. Herman.

(MYOTONIA ATROPHICA diag)

SZAPIRO, Marek; DZIALEK, Ewa

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1. Klinika Chorob Nerwowych, Akademia Medyczna, Lodz. Kierownik: prof. dr nauk med. E. Herman.

SZAPIRO, Marek; DZIALEK, Ewa

Channeling combined extension responses, Neurol. neurochir. psychiat. pol. 13 mo.1:9-15 163.

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(PHARMACOLOGY)

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1. Department of Biochemistry, N. Copernicus University, Torun.

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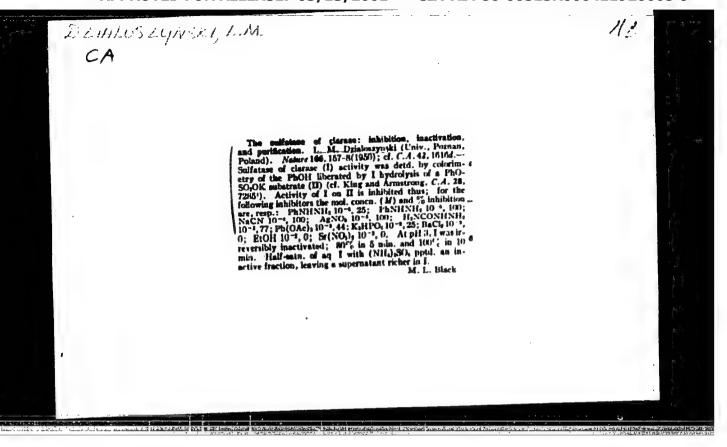
(SULFATES) (METABOLISM) (PHENOLS) (STEROIDS)

(CARBOHYDRATE METABOLISM)

DZIALOSZYNSKI, Lech M.; BLESZYNSKI, Wieslaw

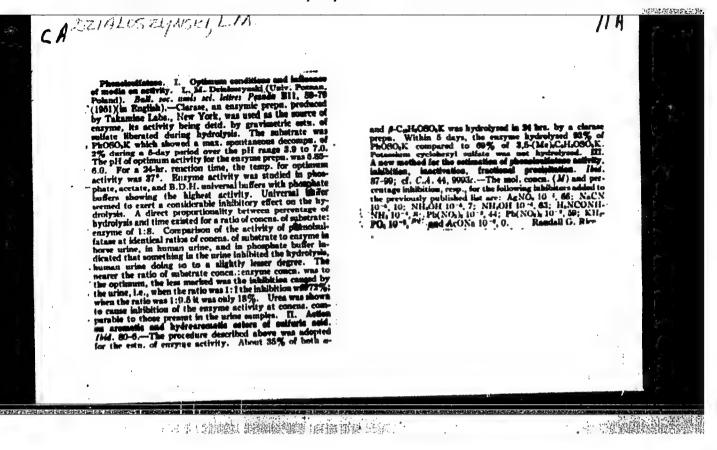
Influence of temperature and contact with chromatographic paper on the activity of arylsulphatase. Nauki matem przyrod Torun no. 9:37-44 164.

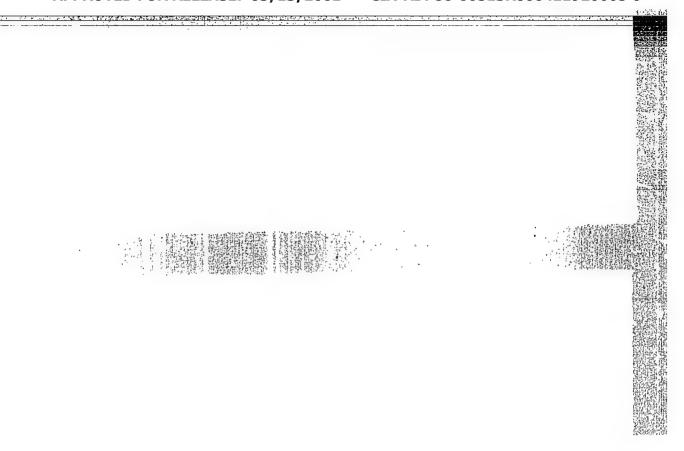
1. Department of Biochemistry of the N. Copernicus University, Torun.



"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000411920005-9







DZIALOSZYNSK Y, L M EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2004. THE CLINICAL VALUE OF ARYLSULPHATASE ESTIMATION IN URINE - Działoszynski L. M. Animal Physiol. Dept., Acad. of Agric., Poznań - CLIN. CHIM. ACTA 1957, 2/6 (542-547)

The urine of healthy subjects contained only small amounts of arylsulphatase. More than 30-fold increase of the arylsulphatase was found in the urine of patients with myeloid leukaemias. There was only a slight increase of the enzyme activity in cases of Hodgkin's disease. A very marked increase of arylsulphatase activity was

POLAND / Human and Animal Physiology. Blood.

Т.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41134.

Author : Dzialoszynski L.; Maciejewska, M.

Inst : Not Given.

Title : The Protein Fraction of Horse's Blood Serum.

Orig Pub: Med. Weteryn., 1957, 13, No 3, 173-176.

Abstract: No Abstract.

Card 1/1

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1. Z Zakladu Fisjologii Zwierzat W. S. R. w Poznaniu Kierownik: prof. dr L. Dzialoszynski.
(BLOOD PROTEINS) (AGING, eff.)

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1. Uniwersytet im. M.Kopernika, Katedra Biochemii, Torun.

DZIALOSZYNSKI, Lech; KOTIK, Tadeusz

Blood serum proteins of rabbits in relation to sex. Roczniki Wyz Szkola Rol Poznan no.12:105-108 '62.

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Reeding and the total content of proteins and certain protein fractions in the blood serum of heifers. Roczniki Wyz Szkola Rol Poznan no.12:109-113 '62.

1. Katedra Fizjologii Zwiersat, Wyzsza Szkola Rolnicza, Poznan.

DZIALOSZYNSKI, Lech; PRUSIEWICZ-WITASZEK, Urszula

Total protein and protein fraction content in the blood serum of foals and the age of the foal. Roczniki Wyz Szkola Rol Poznan no.12:161-165 $\,^{1}62$.

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Effect of starvation on the total content of protein and certain protein fractions in the blood serum of rabbits. Roczniki Wyz Szkola Rol Poznan no.12:167-173 162.

1. Katedra Fizjologii Zwierzat, Wyzsza Szkola Rolnicza, Poznan.

MACIEJEWSKA, Miroslawa; DZIALOSZYNSKI, Loch; KUJAWA, Anna; NAPIERALA, Henryk

Tyrosine content in the of upgraded Polish sheep of the Leszczynska and Swiniarka varieties. Roczniki Wyz Szkola Rol Poznan no.12:207-215 62.

1. Katedra Fizjologii Zwierzat, Wyzsza Szkola Rolnicza, Poznan.

balaksznski, loch; KOTIK, Tadousz

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DZIAMA, Antoni, dr inz., adiunkt

Comparative studies on involute gears with standard and unilateral gearing. Przegl mech 22 no. 13:405-407, 410 10 Jl '63.

1. Katedra Elementow Maszyn, Politechnika, Wroclaw.

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Unilateral involute gears. Przegl mech 22 no.1:4-7 10 Ja 63

1. Politechnika, Wroclaw.

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000411920005-9

DZIAMA, A., dr inz.; ROHATYNSKI, Ryszard, dr inz.; KCWALSKI. ., Eg: inz.; WIRBILIS, Stanislaw, mgr inz.

Reviews of the technical press. Przegl mech 24 nc.6.187 \sim 190 25 Mr '65.

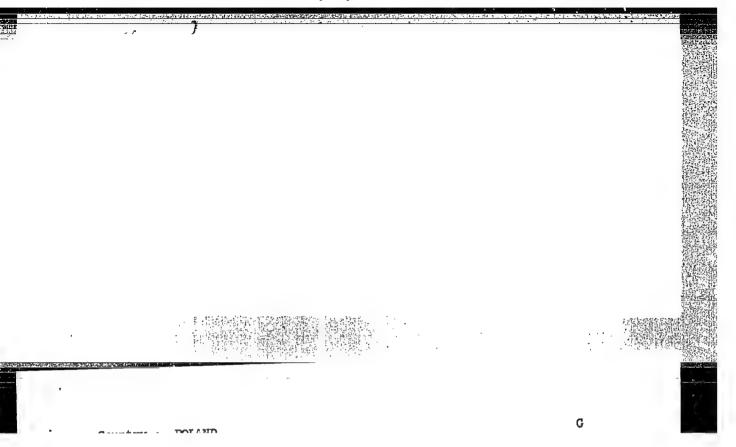
DZIAMARSKI, Wladyslaw, mgr inz.

Exchanger for the utilization of waste heat from driers. Gosp paliw 11 Special issue no.(95):2-3! Ja '63.

l. Zjednoczenie Przemyslu Liniarskiego, Warszawa.

REVENDA, Jan; BACUROVA, Emilia; D7 IAN, Jan

Contribution to the furfural and cresol selectivity. Ropa a uhlie 6 no.12:364-375 D 164.



G

Country: POLAND

Category: Organic Chemistry. Organic Synthesis

Abs Jour: RZhKhim., No 17, 1959, No. 60793

4-oxy-3, 4, 5- triphenylcyclohexanc-2-on-1(I) was synthesized by condensation of 10.6 gr benzene and 14.6 gr benzylideneacetone in 150 ml of absolute alcohol with the addition of 0.5 gr KCN in 2 ml water (heating), yielding approx. 40%, melting point of 246-249°; analogically it was possible to carry on the reaction in the presence of KOH, with the yield of 46%. In the reaction of 17 gr I and 35 gr (CH3CO)₂O in the presence of 0.5 gr of anhydrous InCl₂ (boiling for 30 minutes) 3, 4, 5-triphenylphenylacetate (II) [sic] was obtained at a yield of 91% and of 190-191° melting point (from glacial CH3COOH). The saponification of 18.2 gr II, 6 gr KOH in 90 ml alcohol (98%)

Card : 2/6

G-7

G

Country: POLAND

Category: Organic Chemistry. Organic Synthesis

Abs Jour: EZhKhim., No 17, 1959, No. 60793

yield) of 3, 4, 5-triphenylphenol (III) with 229-230° melting point (from glacial CH3COOM). Methyl ester of III was derived in the reaction of III and CH2N2 in the ether solution (120 hours), yield was 96%, melting point 122.5-123.5° (from alcohol). Ethyl ester of III was synthesized in the reaction involving 3 gr III, 3 gr C2H5I and 0.5 gr KOM in 20 ml of alcohol (boiling 2 hours), resulting in the 81% yield and having 110-111° melting point; likewise in the analogical reaction with C2H5Br the yield was 61%. 3, 4, 5-triphenylchlorbenzene (IV) was synthesized by two methods: by the reaction of 3.2 gr III and 2.1 gr PC15 (CO2, 160-165°,

Card : 3/6

CIA-RDP86-00513R000411920005-9 "APPROVED FOR RELEASE: 03/13/2001

G

Country :

Category: Organic Chemistry. Organic Synthesis

Abs Jour: RZhKhim., No 17, 1959, No. 60793

30 min.) with the subsequent distillation of POCL, and separation of the unreacted III, yielding 23% of 143-1440 melting point (from alcohol) interial; and by the reaction of 0.015 mols I and 0.03 mols PCl₅ (approx. 200°), yielding 45% along with 10% of 3, 4, 5-triphenylchlorobenzene, of 125-126° melting point (from petroleum ether). 3, 4, 5-triphenylbenzonitrile (V) was obtained in the reaction of 0.001 nols IV and 0.002 mols of dry Cu2(CN)2 (350-3560, approx. 2 hours), yield 57%, melting point 162-1630 (from c.p. benzene). The saponification of 0.6 gr V, 0.5 ml of 30% NeOH in 30 ml alcohol and 7.5 ml of 30% H202 (50-600, 4 hours) lead to the formation

: 4/6 Card

G-8

"APPROVED FOR RELEASE: 03/13/2001

G

Country: POLAND

Category: Organic Chemistry, Organic Synthesis

Abs Jour: RZhKhim., No 17, 1959, No. 60793

of 3, 4, 5-triphenylbenzamide (VI), yield 66%, melting point 200-2010 (from benzenc). VI was obtained also in the reaction of 3, 4, 5-triphenylbenzoyl chloride (VII) and alc. NII (0°, 24 hours).

3, 4, 5-triphenylbenzoic acid (VIII) 3was obtained by several methods: a) saponification of 0.3 gr V in 10 ml alcohol, 0.25 gr KOH (boiling 10 hours), yield 90%, melting point 265.5-266.60 (from alcohol); b) saponification of V with a mixture of CH3COON and H2SO4, yield 16% along with the unconverted V; e) caustic seponification of the nothyl ester VIII (IX), yield 97%; a) by the reaction of INO2 with VI, yield 43%. IX was synthesized by the saturation of a solution containing 1 gr VIII in 10 ml CH2OH with

: 5/6 Card

G

Country: POLAND

Category: Organic Chamistry. Organic Synthesis

Abs Jour: RZhKhim., No 17, 1959, No. 60793

dry HCl (0°), with the subsequent boiling and saturation with dry HCl, yield 92%, melting point 141.5-142.5°. In the reaction of a solution containing 0.5 gr VIII and 0.68 gr SOCl₂ in 10 nl C6H6 (heating for 4 hours). VII was obtained, with the yield of 85%, and melting point

of 131-132°. -- A. Sergeyev

Card : 6/6

G-9

SKOTNICKI, S.; DZIATKOWIAK. A.; MACIEJEWSKA, M.; OLIPRA, H.

Some physiopathological aspects of deep hypothermia. Kardiol. Pol. 7 no.2:133-140 *64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Lodzi i z Oddziału Chirurgii Torakalnej Szpitała Miejskiego im. J. Strusia w Poznaniu (Kierownik; prof. dr J. Moll).

WOJTOWICZ, Jerzy; LORKIEWICZ, Zbignew; DZIATKOWIAK, Antoni

Attempted radiological classification of primary bronchial cancer with an abbreviated TNM system. Pol. przegl. radiol. 26 no.4:277-295 '62.

- 1. Z Zakladu Radiologii AM w Poznaniu Kierownik: prof. dr med.
- B. Gladysz z Oddzialu Torakochirurgii Szpitala Miejskiego im.
- J. Strusia w Poznaniu Kierownik: prof. dr med. J. Moll z Zakladu Anatomii Patologicznej AM w Poznaniu Kierownik: prof. dr med.
- J. Groniowski.

(CARCINOMA BRONCHOGENIC)

Studies on bronchial epithelial metaplasia in surgical material. Pozn. tow. przyjac. nauk wydz. lek. 27:5-46 '64.

TYMOLKI, Renry: Dail'i Wilk, Antoni; Woll, Jan; Makikiti, Antonia Surgical date on pulmonary rteriovenous fictione. Crazila 3d no.4:317-326 Ap 164.

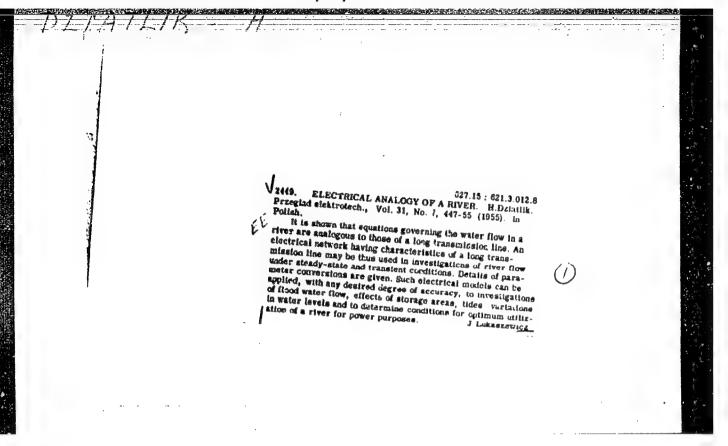
1. W Zakinda Radiologii Akademii Menyeznej (hieromik: prof. ar. ned. B. Gladyez) i z Oldvinia Thirmodii Tormachnej Smithla Diejskiego h. J. Strusia w i paneman (Gravinter: ped. in. - d. 2.101).

ZZIATLIK, H.

DZIATLIK, H.

Basic electomagnetic units and standards. p. 196. (PRINGLAD HERE WILLIAMS VOL. 30, No. 5, May 1954, Warszawa, Foland)

SO: Monthly List of E st European Accessions, (EAL), MC, Vol. 3, No. 12, Dec. 1954, Uncl.



DZIATLIK, Henryk, mgr., inz.

Method for the measurement of water discharge in a river. Gosp wodna 22 no.1:39-40 62.

DZIATLIK, Henryk

Electric model of a stress tensor. Mechan teor stosow 1 no.2: 115-136 '63.

1. Institute of Water Management, Warsaw.

POLYAKOV, I.; POZDNYAKOV, N.; KARMPOV, A.; STARIKOV, I.; DZIBOV, V.; VALIKOV, N.

Uniformity and improvement of short-term credit and payments.

Den. i kred. 16 no.5:11-25 My *58. (MIRA 11:6)

(Credit) (Payment)

DZICHKOVSKAYA, V.P.

Various types of cheese as a source of indespensable amino acids in the diet [with summary in English]. Vop.pit. 16 no.1:52-54
Ja-F '57. (MIRA 10:3)

1. Iz kafedry biokhimii (saveduyushchiy - professor A.E.Sherpenak) Moskovskogo meditsinskogo stomatologicheskogo instituta. (AMIHO ACIDS, metab.

requirements, various cheeses as source of indispensable amino acids, comparison (Rus))

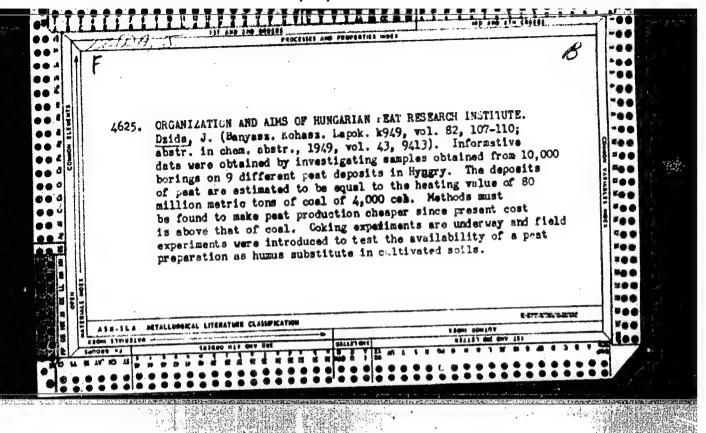
(FOOD

cheeses as source of indispensable dietary amino acids, comparison of various types (Rus))

of cheese as a source of separate amino-acids in digestion."

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DZIDO, Z.

"Equipment for continuous dosage of chemicals being added to water in voilers." ENERGETIKA, Praha, Czechoslovakia, Vol. 9, no. 5, May 1959

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Unclassified

DZIDO, Z.

Combustion of coal-washing residues with low melting point on grates. p. 357.

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol. 9, no. 7, July 1959.

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Uncl.

DZ IDUSZKO, Tadeusz.

Studies on dynamics of extinction of vasomotor orientation reaction. Acta physiol.polon. 6 no.1:41-55 1955.

1. 2 Panetwowego Instytutu Psychoneurologicznego w Pruszkowie Dyrektor: prof. dr Z. Kuligowski (REFLEK,

vasomotor component of orientation reflex, extinction)
(BLOOD VESSELS, physiology,
vasomotor component of orientation reflex, extinction)

DZIDUSZKO, Tadeusz

On systematic and nosologic aspects of mental disorders in advanced age. Neurol. neurochir. psychiat. pol. 12 no.4:551-555 '62.

1. Z Oddzialu Psychiatrycznego Instytutu Psychoneurologicznego w Pruszkowie. Dyrektor Instytutu: prof. dr med. Z.W. Kuligowski. Kierownik Oddzialu: doc. dr med. J. Jaroszynski. (PSYCHOSES SENILE) (PSYCHOSES PRESENILE)

DZIDUSZKO, T.

POLAND

WYSZNACKA-ALEKSANDROW, Wanda; BACZKO, Aurelia: D71DUSZKO, Tadeusz; OSTASZZWEKA, Janina; RYLSKI, Miroslaw and RYLSKI Elawomir; Second Clinic of Internal Diseases (II Klinika Chorob Wewnetrznych), of the Al [Akademia Medyczna -- Medical School] in Warsaw, Director: Prof Dr Med D. ALEKSANDROW; and the Department of Psychiatry (Oddzial Psychiatryczny) of the Institute of Psychoneurology (Instytut Psychoneurologiczny) in Pruszkow, Director of the Institute: Prof Dr Med Z. W. KULIGCWSKI; Head of the Department: Docent Dr Med J. JAROSZYNSKI.

''Comparison of Gericcaine and Placebo Results in Healthy Old People''

Warsew, Polski Tymodnik Lekarski, Vol MVIII, No 8, 18 Feb 1963, pp 287-291

Abstract: Authors' English summary modified Results of geriocaine and placebo administration for a month to healthy

POLAND

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 8, 18 Feb 1963, pp 287-291 (continued)

old people were evaluated by a group of physicians who were unawars of the kind of drug administered to each patient. No effects on the mental or physical conditions of the patients different from those of placebo administration could be detected in the geriocaine group.

The results of this study do not eliminate the possibility of some effect of geriocaine if administered for a longer period. The evaluation of such effect would be, however, reliable only if compared with a proper control group. 6 tables; 2 diagrams; 11 references, mostly Eastern.

2/2

DZIDUSZKO, Tadeusz

On the systematics and nosology of psychic disturbances of old age. Neurol neurochir psych 12 no.4:551-555 Jl-Ag '62.

1. Oddział Psychiatryczny, Instytut Psychoneurologiczny, Pruszkow. Dyrektor Instytutu: prof. dr med. Z.W.Kuligowski; Kierownik Oddziału: doc. dr med. J. Jaroszynski.

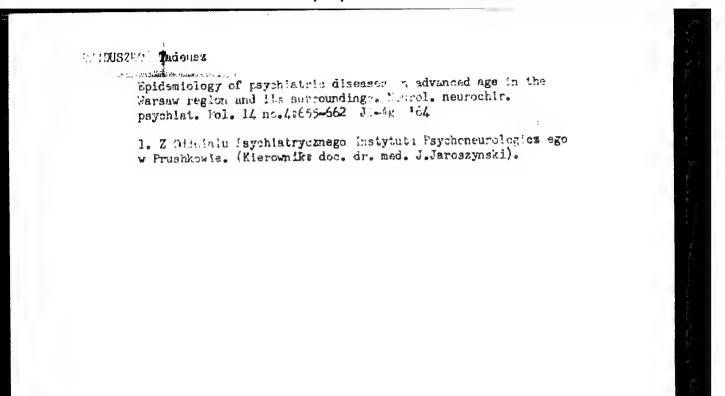
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WYSZNACKA-ALEKSANDROW, Wanda; BACZKO, Aurelia; DZIDUSZKO, Tadousz; OSTASZEWSKA, Janina; RYISKI, Miroslav; MIDKI, Slavour

Evaluation with the aid of the "blind" test of geriocaine therapy of the elderly. Pol. tyg. lek. 18 no.8:287-291 18 F 163.

1. Z II Kliniki Chorob Wewnetrznych AM w Warszawie; kierownik: prof. dr med. D. Aleksandrow i s Oddsialu Psychiatrycznego Institutu Psychoneurologicznego w Pruszkowie; dyrektor Instytutu: prof. dr med. Z. W. Kulligowski; kierownik Oddsialu: doc. dr med. J. Jaroszynski.

(PROCAINE)



TULUMDZHYAN, A.O.; DZIDZARIYA, G.A., redaktor; KHAKHMIGERI, M.D., tekhnicheskiy redaktor

[Abkhazian Economic Council; catalog of its collection] Ecoso Abkhazii; opisanie fonda. Sukhumi, Abkhazskoe gos.izd-vo, 1956. 29 p. (MLRA 10:9)

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(Abkhazia--Economic policy)

KIFIANI, T.I., doktor med. nauk, prof., otv. red.; GOTSHRIDZE, A.M., zasl. devatel nauki, prof., red.; DZIDZARIYA, G.A., zasl. devatel nauki, prof., red.; NIKOLASHVILI, D.A., dots., red.; GABISONIYA, A.A., nauchn. sotr., red.

[Theses of the reports of the Second Republic Conference of the Fedagogic Institutes of the Georgian S.S.R. on the Problems of Physiology] Tezisy dokladov. Sukhimi, Goskomitet vysshego, srednego spetsial'nogo obrazovaniia Soveta ministrov Gruzinskoi SSR, 1963. 58 p. (EIRA 17:10)

1. Respublikanskaya konferentsiya pedinstitutov Gruzinskov SSR po problemam fiziologii, 1, 1963. 2. Zavednyushchiy fizio-logicheskov laboratorii Abkhrikogo filia i anti in torto-logii Gruzinskov SSR (for hipiani).

NATSVLISHVILI, A.A., kand.sel'skokhoz.nauk; SINYUKOV, V.P.; NASONOVA, M.V., kand.sel'skokhoz.nauk; PALIY, V.F., prof.; KOTLYAR, V.V., mladshiy nauchnyy sotrudnik; LUPENKO, L.G.; DZIDZARIYA, O.M., nauchnyy sotrudnik

Brief information. Zashch. rast. ot vred. i bol. 8 no.8:55-57
Ag '63. (MIRA 16:10)

1. Gruzinskiy institut zashchity rasteniy, Tbilisi (for Natsvlishvili).
2. Oblastnaya laboratoriya biometoda, Brailov, Vinnitskoy obl.
(for Sinyukov). 3. Achikulakskaya lesnaya opytnaya stantsiya,
Maykop (for Nasonova). 4. Sary-Chelekskiy zapovednik (for
Paliy, Kotlyar). 5. Batayskiy opornyy punkt Vsesoyuznogo instituta
zashchity rasteniy (for Lupenko). 6. Sukhumskaya opytnaya
stantsiya efiromaslichnykh kul'tur (for Dzidzariya).

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Dislocation of the acromial and of the clavicle and its treatment; abstract. Voen.-med.shur. no.3:76 Mr '61. (MIRA 14:7) (CLAVICLE--DISLOCATION)

GRIGOLIYA, A.L.; MGELADZE, N.V.; DZIDZAVA, T.K. (Sukhumi)

Changes in the secretary and excretory functions of the stomach in gastritis using various mineral waters of Abkhazia. Vop. kur., fizioter. i lech. fiz. kul't. 26 no.6:491-495 N-D '61. (MIRA 15:1)
(ABKHAZIA_MINERAL WATERS_PHYSIOLOGICAL EFFECT)
(STOMACH_INFLAMMATION)

DZIDZIGURI, A. A.

Dzidziguri, A. A. - "The relative effect of the blades of an axial ventilating fan," A commemorative collection of transactions dedicated to the 25th anniversary of the Institute, (Gruz. politekhn. in-t im. Kirova, No 17), Toilisi, 1948, p. 309-15. (In Georgian, resume in Russian). - Bibliog: 6 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey No. 25, 1949).

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 43 (USSR) SOV/124-57-4-4152

AUTHOR: Dzidziguri, A. A.

TITLE: The Performance Characteristics of Fans Working in Parallel in That Range of the Performance Curve Where More Than One Discharge Volumes Are Possible at a Given Pressure (Kharakter raboty parallel'no vklyuchennykh ventilyatorov pri mnogoznachnom rezhime)

PERIODICAL: Tr. In-ta metalla i gorn. dela AN GruzSSR, 1954, Vol 6, pp 165-

ABSTRACT: Test results are given for experiments performed on a bank of four ducted axial-flow fans working in parallel. Deductions are made to the effect that the operation of the fans is basically stable but depends upon the switching-on sequence of the fans.

I. A. Shepelev

Card 1/1

SOV/124-57-8-8846

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 8, p 40 (USSR)

AUTHORS: Dzidziguri, A. A., Kutateladze, A. A.

TITLE:

Some Problems of the In-series Operation of Mine Ventilators (Nekotoryye voprosy posledovateľ noy raboty shakhtnykh ventilyatorov)

PERIODICAL: Tr. Gruz. politekhn. in-ta, 1954, Nr 32, pp 109-122

ABSTRACT: An analysis of the comparative effectiveness of various mineventilator arrangements. The greatest stability of operation and

highest efficiency is afforded by an arrangement which permits switching the ventilators to individual, in series, and parallel operation depending on changes in the equivalent opening of the mine

shaft and the resistance offered by the ventilation-flow route.

Bibliography: 3 references.

V. D. Sokolov

Card 1/1

124-1957-2-1781

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 2, p 47 (USSR)

AUTHOR: Dzidziguri, A.A.

TITLE: The Critical Rpm of a Fan Operating in Parallel (Predel'noye chislo oborotov ventilyatorov pri parallel'noy rabote)

PERIODICAL: Tr.In-ta metalla i gorn. dela AN GruzSSR, 1956, Vol 7, pp 251-260

ABSTRACT: It is established that the "critical" rpm of a fan operating in parallel. found on the basis of V.S. Pak's formulas (Ventilirovaniye shakht parallel no vklyuchennymi ventilyatorami. Ugletekhizdat, 1947), is not the only determinant. For example, in fans having saddle-shaped or otherwise curved pressure characteristics, the computed values of the critical rpm are greater than those allowed by the condition of single-valuedness of their operation. In this connection the Author, referring to his previously published work (Dzidziguri, A.A., and Muskhelishvili, V.L., Tr. Gruz. politekhn. in-ta, 1952, Nr 24), derives relationships for the determination of the critical rpm of fans, specifying the absence of any multivalued regimen in their joint operation (particularly with reference to discontinuous pressure characteristics of fans). The following

124-1957-2-1781

The Critical Rpm of a Fan Operating in Parallel

conclusions are noted: 1) If the maximum rpm determined from the requirement of single-valuedness is greater than the maximum number of revolutions specified by other conditions, it will be necessary to take the smallest value; 2) If the minimum number of revolutions determined from the condition of single-valuedness is greater than the maximum number of revolutions determined from other conditions, then the fan is not suitable for use in the given conditions. As an example for the evaluation of the critical rpm, the parallel operation of two axial two-stage TsAGI fans, series "B", was subjected to examination.

G. Ye. Khudyakov

1. Axial flow fans--Velocity 2. Axial flow fans--Performance

Card 2/2

DZIDZIGURI, A.A., TSINTSADZE, Yu.D.

Regulating mine fans in a centralized ventilation system. Trudy
Inst. met. i gor. dela_AN Grus. SSR no. 8:271-284 57. (MIRA 11:8)

(Mine ventilation)

(Fans. Mechanical)

DZIDZIGURI, A.A.; ONIANI, Sh.I.

Regulating axial fans connected in parallel with the aid of guiding apparatus. Soob. AN Gruz. SSR 19 no.5:605-610 N '57. (MIRA 11:6)

1.Institut metalla i gornogo dela AN GruzSSR, Tbilisi. Predstavleno chlenom-korrespondentom AN F.N. Tavadze.

(Mine ventilation)

124-58-9-9782D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 43 (USSR)

AUTHOR: Dzidziguri, A. A.

TITLE:

Investigation of the Operation of Mine-shaft Ventilation Blowers in Complicated Ventilation Networks (Issledovaniye raboty shakhtnykh ventilyatorov v slozhnykh ventilyatsionnykh setyakh)

ABSTRACT:

Bibliographic entry on the author's dissertation for the degree of Doctor of Technical Sciences, presented to the Leningr. gorn. in-t (Leningrad Mining Institute), Leningrad, 1958

ASSOCIATION: Leningr. gorn. in-t (Leningrad Mining Institute), Leningrad

1. Blowers--Operation 2. Blowers--Analysis 3. Mines--Ventilation

Card 1/1

DZIDZIGURI, A.A.; BARAMIDZE, K.M., red.; BAKRADZE, D.S., red.izd-va; TODUA, A.R., tekhn.red.

[Operation of mine fans in complex systems] Rabota shakhtnykh ventiliatorov v slozhnykh setiakh. Tbilisi, Izd-vo Akad.nauk Gruzinskoi SSR, 1958. 165 p. (MIRA 11:12) (Mine ventilation) (Fans, Mechanical)

BARAMIDZE, K.; DZIDZIGURI, A.

Developments in mining engineering in Soviet Georgia. Trudy Inst.met. AN Gruz.SSR 9:19-30 58. (MIRA 12:8) (Georgia--Mining engineering)

DZIDZIGURI AA.

PHASE I BOOK EXPLOITATION

SOV/4820

- Ushakov, Konstantin Andreyevich, Professor, Iosif Veniamenovich Brusilovskiy, and Aleksandr Romanovich Bushel
- Asrodinamika osevykh ventilyatorov i elementy ikh konstruktsiy (Aerodynamics of Axial-Flow Fans and Elements of Their Structure) Moscow, GosgorteWihizdat,, 1960. 421 p. Errata slip inserted. 2,000 copies printed.
- Ed.: Konstantin Andreyevich Ushakov, Professor; Ed. of Publishing House: G.B. D'yakova; Tech. Eds.: S.Ya. Shklyar, and Z.A. Korovenkova.
- PURPOSE: This book is intended for workers of scientific research institutes and planning and design institutes of the ore-mining industry, and may be used by the personnel of other organizations concerned with the design and operation of axial-flow fans.
- COVERAGE: The authors describe a modern method of the aerodynamic calculation of axial-flow fans and critically review the design of mine-ventilating machines. Their method of profiling bladed rings is said to be a synthesis of the theory of two-dimensional cascades of airfoils, testing data, and of the generalized results of various systematic experimental investigations carried out by the

Card 1/8

Aerodynamics of Axial-Flow Fans (Cont.)

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authors at the Tsentral'nyy aero-gidrodinamicheskiy institut (Central Aero-hydrodynamical Institute). Individual chapters were written as follows:

K.A. Ushakov, Introduction, Sec. 3 and 6 of Ch. III, Sec. 4 of Ch. VI, and together with A.R. Bushel', Ch. XII (except Sec. 3); I.V. Brusilovskiy, Ch. I (except Sec. 4), Ch. II, Ch. III (except Sec. 2,3, and 6), Ch. IV, V, VI (except Sec. 4), Sec. 3 and 4 of Ch. VII, Ch. VIII (except Sec. 4 and 5), and Ch. X. (except Sec. 3); A.R. Bushel', Ch. VII (except Sec. 3 and 4), Sec. 4 and 5 of Ch. VIII, Sec. 3 of Ch. X, Sec. 3 of Ch. XII, Ch. XIII and Ch. XIV; A.S. Ginevskiy, Sec. 4 of Ch. I; A.A. Dzidziguri, Ch. IX; I.O. Kersten, Ch. XI; A.V. Kolesnikov, Sec. 2 of Ch. III. No personalities are mentioned. There are 107 references: 87 Soviet, 11 German, and 9 English.

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2. Chlen-korrespondent AN GruzSSR (for Dzidziguri).

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ERAUN, G.A., red.; GUDZHEDZHIANI, B.I., red.;
DZIDZIGURI, A.A., red.; DOLIDZE, D.P., red.
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[Unsteady performance of fans and measures for its prevention] Neustoichivaia rabota ventiliatorov i sposoby ee preduprezhdeniia. Moskva, Nauka, 1965. 92p. (MIMA 18:9)

DZIDZIGURI, A.A., prof.; ONIANI, Sh.I., kand. tekhn. nauk; SARYCHEY, R.A., inzh.

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Inlet resistance of a network and the stability of the ventilation system. Soob. AN Gruz. SSR 38 no. 3:599-606
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1. TSkhaltubskiy filial Instituta kurortologii Gruzinskoy SSR. Predstavleno chlenom-korrespondentom Akademii nauk Gruzinskoy SSR A.N. Bakuradze.

(TSKHALTUBO...MINERAL WATERS) (BASAL METABOLISM)

(ARTHRITIS, RHEUMATOID)

D 2 / D 2 / G H P) / KOZIOV, A.A.; KOTLYAREVSKIY, D.I.; ROYNISHVILI, N.N.; TATALASHVILI, N.G.; TSAGARHLI, R.I.; TSINTSBADZE, A.I.; TSINTSADZE, V.D.; DZIDZIOURI, R.I.

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1. Institut fiziki AN GruzSSR, Tbilisi. Predstavleno akademikom E.L. Andronikashvili.

(Cloud chamber)

DZIDZICURI, T.D .: DZHORDZHIKIYA, V.D.

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(STOMACH, physiology,

motor funct...eff. of interference of digestive with defense reflexes in cats)

(REFIEX.

interference of digestive with defense reflexes, eff. on gastric motor funct. in cats)

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Modification of secretory and motor functions of the stomach following conservative therapy of peptic ulcer. Trudy Inst. fixiol. 3:260-267

154. (MIRA 8:2)

1. Laboratoriya kortiko-vistseral'noy patologii, zaveduyushchiy I.T.Kurtsin. Klinicheskiy sanatoriy zheludochno-kishechnykh saboleva-niy VTsSPS, Leningrad.

(PEPTIC ULCER, therapy, conservative technics, eff. on motor & secretory funct. of stomach)

DEIDEIGURE ED.
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On the problem of a simultaneous atuly of gastric secretory and notor functions [with surmary in English]. Piziol.zhur. [Ucr] 3 no.4:22-32 J1-Ag 157. (MLG. 10:9)

1. Institut fiziologii in. I.P.Pavlova AN SSSR, laboratoriya kortiko-vistaoral noi natologii i laboratoriya firiclogii ta patologii travlennya i krovoobigu.

(STOMACH)

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(CONDITIONED RESPONSE) (STOMACH) (INTESTINES)

DZIDZIGURI, T.D.

Use of an electrical resistance gauge in registering the motor function of the gastrointestinal tract. Biul. eksp. biol. i med. 43 no.2:123-125 F 157 (MIRA 10:5)

1. Iz laboratorii kortiko-vistseral'noy patologii (zaveduyushchiy-professor I.T. Kurtsin) Instituta fiziologii imeni I.P. Pavlova (direktor-akademik K.M. Bykov) AN SSSR, Leningrad. Predstavlena akademikom K.M. Bykovym.

(GASTROINTESTINAL SYSTEM, physiology.

motoricity, registration with electrical resist.transducers) (Rus)

EXCHAPTA MEDICA Sec.2 Vol.10/10 Phy. Biochem. Oct 57 DZIDZIGURI T.D.

4324. DZIDZIGURI T.D. and GEORGOBIANI T.B. Lab. of Cortico-Visceral Pathol., Leningrad, "Some data on small bowel motility (Russian text) FIZIOL. Z. 1957, 43/2 (164-168) Illus. 4

The role of mechanical stimulation of intestinal afferent nerve endings was investigated by means of an intestinal loop exteriorized within a cutaneous flap. Movements of the bowel were plethysmographically recorded together with gastric motility. Spontaneous periodic motor activity of stomach and bowel is synchronized. Stimulation of the intestinal loop (balloon inflation) produced contractions within the stimulated intestinal segment only, but with increasing intensity of stimulation, motor activity spreads to adjacent segments. The force of intestinal and gastric contractions depends on the intensity of local stimulation of stretch receptors.

Simonson - Minneapolis, Minn.

